DESHBANDHU COLLEGE
(UNIVERSITY OF DELHI)
KALKAJI, NEW DELHI - 110019
Faculty Details Proforma for College Website

Title	DR	First Name	SUSHEEL	Last Name	KUMAR	Photograph

Designation	ASSISTANT PROFESSOR
Address	Sanjeevni Estate, Modi Nagar, Ghaziabad
Phone No. Office	NIL
Residence	NIL
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Web-Page	sites.google.com/view/ska-mathematics/home

Educational Qualifications

Degree	Institution	Year
Ph.D.	JAMIA MILLIA ISLAMIA, NEW DELHI	2012
M.Phil.	CH. CHARAN SINGH UNIVERSITY, MEERUT	2008
PG	CH. CHARAN SINGH UNIVERSITY, MEERUT	2002
UG	CH. CHARAN SINGH UNIVERSITY, MEERUT	2000
Any other qualification		

Career Profile

Administrative Assignments

Areas of Interest/Specialization

COMPLEX ANALYSIS

Subjects Taught

Calculus	Real Analysis	Algebra	Linear Algebra
Differential Equations	Riemann Integration	Sequance and series of functions	

Publications Profile

1. **Susheel Kumar,** Roshan Lal and Pradumn Kumar (2022): On a lower bound inequality for the derivative of polynomials, accepted for the publication in **JNANABHA**, 52(1).
2. **Susheel Kumar** (2021): An inequality for a polynomial and its derivative. Turkish Journal of Computer and Mathematics Education, 12(13): 6890-6896.
3. Ahmad Zireh, **Susheel Kumar** and Kum Kum Dewan (2014): Some Generalization for an Operator which preserving Inequalities between Polynomials, *Analysis Theory and Applications*,30(3),260-274.
4. Roshan Lal, **Susheel Kumar** and Sunil Hans (2011): On the Zeros of Polynomials and Analytic Functions, *Annals Universitatis Mariae Curie-Sklodowska Lublin –Polonia*, vol.LXV,no.1,97-108.
5. **Susheel Kumar** and Roshan Lal (2011): Generalizations of Some Polynomial Inequalities, *International Electronic Journal of Pure and Applied Mathematics*, Vol.3, no.2, 111-117.
6. **Susheel Kumar** and Roshan Lal **(2010),** Bounds for the Zeros of a Certain Class of Polynomials, *International Journal of Mathematics Research*, Vol.2, no.1, 101-104.

Conference Organization/Presentations

Paper presentation

1. Participated and presented a paper(Oral) entitled **"Inequality for the maximum modulus of polynomials with prescribed zeros"** in National Conference on Complex Systems in Interdisciplinary Sciences, at Centre for Interdisciplinary Research in Basic Sciences, Jamia Millia Islamia, New Delhi, March 11-12, 2019.
2. Participated and presented a paper (Poster) entitled **"On growth of polynomials"** in **International congress of Mathematics** (August 13-21,2014 **Seoul, Korea**).

TEW

1. Participated as well as worked as a member, organizing committee in the Teacher's Enrichment Workshop on Differential Equations, Mathematical Modelling & Analysis held at Deshbandhu College, New Delhi during July 24-29, 2018.
2. Participated in two weeks' Teacher's Enrichment Workshop (TEW) on "Differential Equations and its Applications" organized by Deshbandhu College, University of Delhi and INSA-NCM during March 15-28, 2021.

National/ International Conferences

1. Participated in 95th Indian Science congress held at Andhra University, Visakhapatnam, 2008.
2. Participated and presented (Oral) "Inequality for the maximum modulus of polynomials with prescribed zeros " in **National Conference on Complex Systems in Interdisciplinary Sciences, March 11-12, 2019** at Centre for Interdisciplinary Research in Basic Sciences, Jamia Millia Islamia, New Delhi.
3. Participated in International Conference on **Bhartiya Women, past, present and future,** 23-24 February, 2019 at NDMC Convention centre , New Delhi.
4. Participated in the International Conference on Recent Trends in Mathematics and its Applications, Jamia Millia Islamia,New Delhi, 2009.
5. Participated in the National webinar on **"Introduction to Wolfram Mathematica"** organized by Department of Mathematics and IQAC, Deshbandhu College, University of Delhi held on September 7, 2020.

Refresher Course:

1. Participated in a two week refresher Course(online) in "Mathematics" organized by Teaching Learning Centre & Department of Mathematics, Ramanujan College, University of Delhi under the aegis of PMMMNM from 16-30 March 2021.
2. Attended One-Week Faculty Development Programme(Online) on "**Development and Delivery of MOOCs and E-Content**" Jointly organized by Central University of Haryana, Mahendergarh under the aegis of Pandit Madan Mohan Malviya National Mission on Teachers and Training (PMMMNMTT) and IQAC, Deshbandhu College, University of Delhi, New Delhi, from 26th June, 2020 to 1st July 2020.
3. Attended a one week (Online) Interdisciplinary Faculty Development Programme on **"Graph Theory and its applications"** organised by Deshbandhu College (Delhi University) in collaboration with Mahatma Hansraj Faculty Development Centre, Hansraj College (University of Delhi) from 15 th September to 21 st September 2021.
4. Participated in a two week **"Refresher course in Applicable Mathematics"** organised by Teaching Learning Centre Ramanujan College(University of Delhi) in collaboration with Deshbandhu College under the aegis of Ministry of Education Pandit Madan Mohan Malviya National Mission on Teachers and Teaching (PMMMNMTT) during 15-29 December,2021.

Workshop

1. Participated in an international workshop on **Geometry of continued Fractions: Ramanujan and his successors,** organized by the Srinivasa Ramanujan Department of Mathematics Center for Vedic Mathematical Studies, Central University of Himachal Pradesh, Dharamshala, September 14-15 , 2020.
2. Participated in a National workshop on **"Origin of Mathematics in Vedas and its Different Dimensions"**, organized jointly by Gautam Buddha University and Shiksha Samskriti Utthan Nyas, Noida, July 18-19, 2020.
3. Participated in the International Workshop on **"Numerical Methods in Scientific Computing IWNMSC-2020"** organized by South Asian University, New Delhi , February 21-22, 2020.
4. Participated in National workshop on Technical Terminology in Science Teaching organized by Commission for Scientific and Technical Terminology, Department of Higher Education, Ministry of Human Resource Development, Government of India held at Deshbandhu College, October 26-27, 2017.

Research Projects (Major Grants/Research Collaboration)

Awards and Distinctions
● JUNIOR RESEACH FELLOWSHIP, UGC (TWO YEARS) ● SENIOR RESEARCH FELLOWSHIP, UGC(TWO YEARS)

Association With Professional Bodies
● *Editing* ● *Reviewing* ● *Advisory* ● *Committees and Boards* ● *Memberships* ● *Office Bearer*

Other Activities
1. MEMBER (OPTED) OF FINANCIAL SUPPORT COMMITTEE DESHBANDHU COLLEGE(SESSION 2018-2019) 2. MEMBER OF WEBSITE COMMITTEE, SHYAMLAL COLLEGE, 2013-2015. 3. MEMBER OF PROSPECTUS COMMITTEE, SHYAMLAL COLLEGE, 2013-2015.

Signature of Faculty Member